

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group : 2878
Examiner : E. Spears
Applicants : Kenneth Schofield, Mark L. Larson and Keith J. Vadas
Serial No. : 09/992,441
Filing Date : November 16, 2001
For : VEHICLE HEADLIGHT CONTROL USING IMAGING SENSOR

Commissioner for Patents
Washington, D.C. 20231
Via Facsimile No. (703) 872-9318

Dear Sir:

RESPONSE

Responsive to the Office Action mailed April 24, 2002, Applicants wish to amend their application as follows:

IN THE CLAIMS

Please replace claims 54, 57, 68, 70 and 72 with the following rewritten claims:

54. (Amended) A headlamp control system for a motor vehicle comprising:

an imaging array sensor operable to sense light in a field of view forward of the motor vehicle; and

a control that is responsive to said imaging array sensor, said control being operable to identify at least one object of interest in the field of view by a geometric organization of the at least one object, said control being operable to control a headlamp of the motor vehicle in response to an identification of said at least one object, said at least one object comprising at least one of a headlamp of at least one other vehicle approaching the motor vehicle, a taillight of at least one other vehicle being approached by the motor vehicle, a traffic sign, a lane marker and a traffic light.